

STATE OF ILLINOIS DWIGHT H. GREEN, Governor DEPARTMENT OF REGISTRATION AND EDUCATION FRANK G. THOMPSON, Director

DIVISION OF THE STATE GEOLOGICAL SURVEY

M. M. LEIGHTON, Chief URBANA

CIRCULAR NO. 78

DIRECTORY OF ILLINOIS CLAY AND CLAY PRODUCTS PRODUCERS

January 1, 1942

COMPILED BY

DOUGLAS F. STEVENS



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URBANA, ILLINOIS 1942

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Topographic Mapping in Cooperation with the United States Geological Survey.

This directory is a contribution of the Industrial Minerals Division.

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DIRECTORY OF ILLINOIS CLAY AND CLAY PRODUCTS PRODUCERS

January 1, 1942

COMPILED BY
DOUGLAS F. STEVENS

INTRODUCTION

This directory of Illinois clay and clay products producers is intended to serve as a guide for purchasers of clays and clay products as well as for producers and others interested in this industry.

Arrangement of directory.—The directory and its included maps (figs. 1-6) have been prepared to provide an up-todate list of the concerns that make up this industry in Illinois. They are considered as comprising four groups: (1) clays, (2) refractories, (3) structural clay products, and (4) white wares and pottery. The producers in each group are arranged alphabetically, and the location of the main office and that of the plants or mines of each producer are given, as well as a map letter and location number which refers to figures The exact location is recorded as the airline distance and direction from the business center of the nearest town, or by street number in the larger cities. If the mine or pit is situated at a different place from the plant, a separate location number is given for each. principal products produced in Illinois by each concern are listed as described by them.

Index to producers.—The directory also contains an alphabetical index to

producers (pp. 31, 32) which gives the names of all clay and clay products producers in the State, the map letter and location number of their plants, pits, and mines (for example: C-79 means map C, location 79), and reference to the pages on which they are listed in the directory.

Index to maps.—The index to maps (pp. 33-35) lists the location numbers of the various plants in numerical order, and gives the names of the producers and the group classification of their products.

Publications.—A list of the publications, issued by the Illinois State Geological Survey, which are of special interest to the clay and clay products industry is given on page 30.

Acknowledgments.—The data in the directory have been obtained by personal contact with the producers, and every effort has been made to make the directory accurate and complete. To all those companies and individuals who assisted in this work, the Survey extends its thanks for their cooperation. All data given are presented with the approval of the official who supplied them. Should there be any errors, the Survey will welcome corrections so that they may be incorporated in future editions.

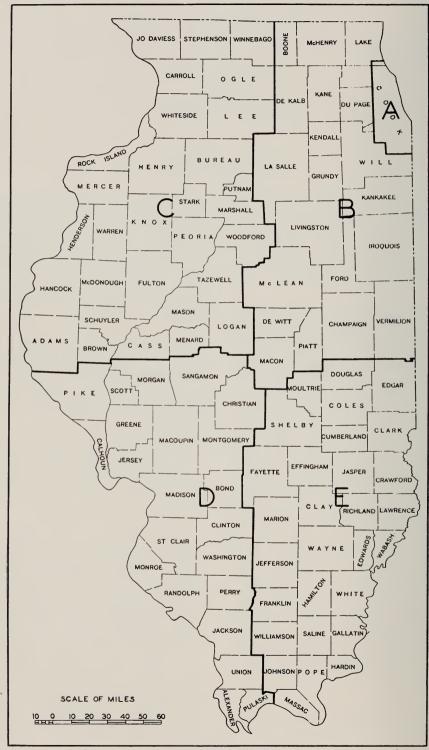


Fig. 1.—Index map to the counties of Illinois and to areas shown in subsequent maps.

A—Chicago area; B—Northeastern Illinois area; C—Northwestern Illinois area; D—Southwestern Illinois area; E—Southeastern Illinois area.

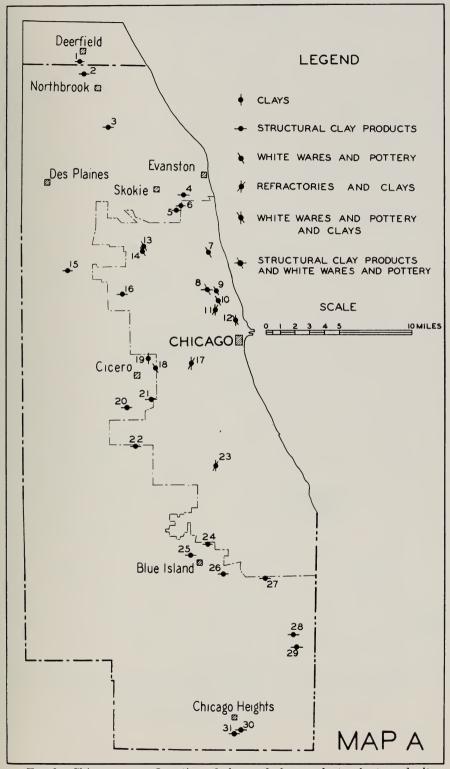


Fig. 2.—Chicago area. Location of clay and clay products plants and pits.

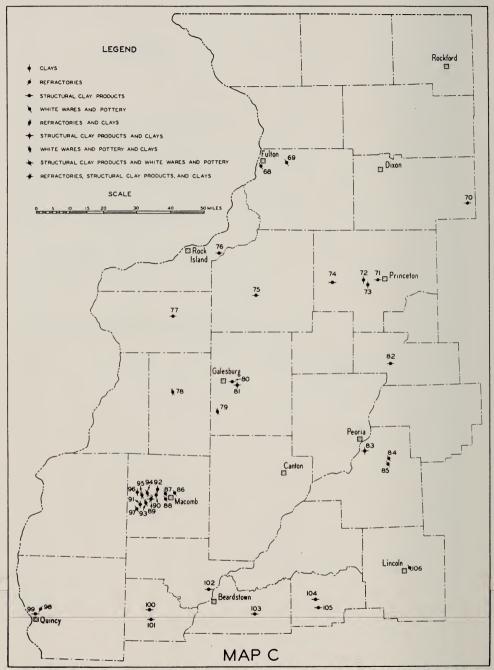


Fig. 3.—Northwestern Illinois area. Location of clay and clay products plants and pits.

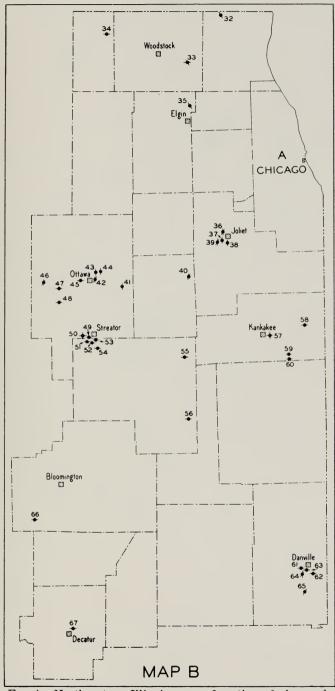


Fig. 4.—Northeastern Illinois area. Location of clay and clay products plants and pits. For Chicago area see figure 2, Map A.

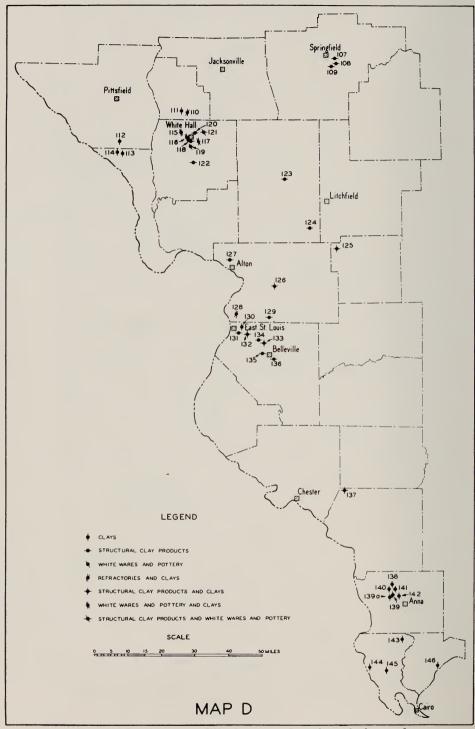


Fig. 5.—Southwestern Illinois area. Location of clay and clay products plants and pits.

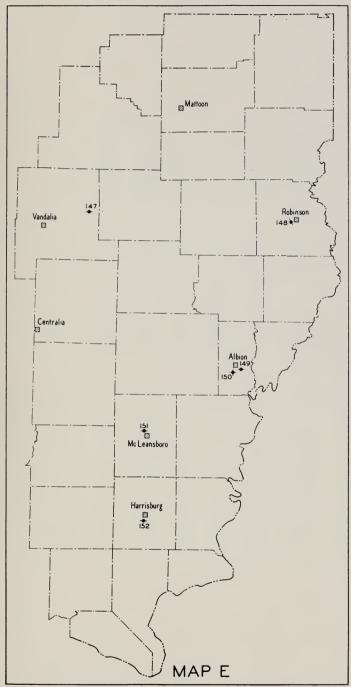


Fig. 6.—Southeastern Illinois area. Location of clay and clay products plants and pits.



DIRECTORY CLAY AND CLAY PRODUCTS PRODUCERS

Clays

Producer and main office	Location of plant or mine (P—plant; M—mine or pit)	County	Map letter, location number	Principal products
Abingdon Sanitary Mfg. Co. Abingdon Pottery Abingdon, Ill.	Abingdon (NE. part) (P)	Knox	C-79	China clay¹ Ball clay¹
Albion Brick Co. Albion, I'll.	Albion (S. edge) (P No. 2; M)	Edwards	E-150	Drilling-mud clay Mortar-mix clay
Alsey Brick & Tile Co. Alsey, Ill.	Alsey (N. edge, on Hwy. 106) (P; M)	Scott	D-110	Fire clay Foundry clay ² Flint clay ¹
Anna Corporation 140 S. Dearborn St. Chicago, III.	Kaolin (½ mile W.) (M)	Union	D-140	$\mathrm{Kaolin^3}$
Baird Bros. Colchester, Ill.	Colchester (1 mile N.) (M)	McDonough	C-90	Fire clay
Calhoun Leasing Co. c/o W. A. Guthrie Nebo, III.	Nebo (3¾ miles S.) (M)	Calhoun	D-114	Fire clay Flint clay
Ceramic Atelier 923 N. LaSalle St. Chicago, III.	Chicago (923 N. LaSalle St.) (P)	Cook	A-12	Modeling clay Pottery clay
Chicago Fire Brick Co. 1467 N. Elston Ave. Chicago, III.	Chicago (7531 S. Ashland Ave.) (P)	Cook	A-23	Fire clay ¹
1 Not miles in Min. f.		_		

¹ Not mined in Illinois.

² "Foundry clay," as reported by the Illinois clay industry, is that used in foundries for refractory linings in cupolas, laddes, etc.

³ No specific uses are given for kaolin produced in southern Illinois because the kaolin industry has only recently become active again after a period of quiescence following World War I, and a listing of the uses made of the clay during the current expanding stage of the industry would not fairly represent its possibilities. The kaolin has been used extensively as crucible clay and it also has possibilities for the manufacture of various dense-burning refractories, for terra cotta, sanitary ware, stoneware, pot clay, enameling clay, filler clay, bleaching clay, and for refractory cements.

Clays—(Continued)

Principal products	Fire clay Foundry clay² Bonding clay	Clay for porcelain enamels¹	Fire clay Flint clay	Fire clay Foundry clay ² Plastic shale Bonding clay	Fire clay ¹ Flint clay ¹	Daspore clay. Silica fire clay.	Silica fire clay ¹		Plastic shale
Map letter, location number	B-42	A-19	C-89	B-43 B-44	B-64	B-36	B-39		D-132 D-133
County	LaSalle	Cook	McDonough	LaSalle LaSalle	Vermilion	Will	Will	ı	St. Clair St. Clair
Location of plant or mine (P—plant; M—mine or pit)	Ottawa (1¼ miles NE.) (P; M)	Cicero (1407 S. 55th Court) (P)	Colchester (34 mile N.) (P; M)	Dayton $(J_2^c \text{ mile SW.})$ $(P; M)$ $(J_2^c \text{ mile NE.})$ (M)	Danville Works (2 miles SW. of Danville) (P)	Joliet Works (N. edge of Joliet, on U. S. Hwy. 66)	(P) Rockdale Works (3 miles SW. of Joliet) (P)		East St. Louis (3)4 miles SE., on U. S. Hwy. 50) (P) Edgemont (23,4 miles E., on St. L. & O'Fal. R. R.) (M)
Producer and main office	Chicago Retort & Fire Brick Co. Ottawa, III. General Sales Office: 208 S. LaSalle St. Chicago, III.	Chicago Vitreous Enamel Product Co. 1407 S. 55th Court Cicero, III.	Colchester Brick & Tile Co. Colchester, III.	Fox River Clay Works, Inc. Central Life Bidg. Ottawa, III.	General Refractories Co. 1600 Real Estate Trust Bldg.	Philadelphia, Fa. District office: 208 S. LaSalle St.	Chicago, III.		Hill Brick Company 51st St. & St. Clair Ave. East St. Louis, Ill.

Fire clays Bonding clays Filler clays Silica fre clay Foundry clays Clay for ceramic products	Kaolin³	Fire clay	Bonding clay Drilling-mud clay Filler clay Clay for mortar Clay for stabilized roads	Kaolin³	Kaolin³	Bonding clay	Fire clay Flint clay	Fire clay	Fire clay Foundry clay ²	China clay¹ Filler clay¹
B-40	D-143 D-144	D-137	B-57	D-138 D-142	D-139 D-139a	C-72 C-73	D-112 D-113	B-46	D-1111	D-130
Grundy	Alexander Alexander	Jackson	Kankakee	Union Union	Union Union	Bureau Bureau	Pike Calhoun	LaSalle	Scott	St. Clair
Goose Lake Plant (5 miles N. of Coal City) (P; M)	Elco (P) Fayville (2½ miles NW.) (M)	Campbell Hill (½ mile NW.) (P; M)	Kankakee (2 miles SE.) (P; M)	Kaolin (1/2 mile N.) (M No. 1) (1 mile SE.) (M No. 2)	Kaolin (½ mile SW.) (M No. 1) (¾ mile SW.) (M No. 2)	Wyanet (P) (1½ miles SE.) (M)	Pleasant Hill (4½ miles E.) (M No. 1) (6 miles SE.) (M No. 2)	LaSalle (E. 9th St., NE. edge) (P; M)	Alsey (N. edge, on Hwy. 106) (M)	East St. Louis (2001 Lynch Ave., NE. part) (P)
Illinois Clay Products Co. 68 N. Chicago St. Joliet, III. Sales Office: 608 S. Dearborn St. Chicago, III.	Illinois Minerals Co. 807½ Washington Ave. Cairo, III.	Jackson County Brick Co. Campbell Hill, III.	Kankakee, Tile & Brick Co. Kankakee, Ill.	Kreitner Kaolin Co. 726 Center St. Cairo, III.	Kreitner, W. E. 726 Center St. Cairo, III.	Larson, J. P. Wyanet, Ill.	Marqua, W. G. Pleasant Hill, III.	Matthiessen & Hegeler Zinc Co. LaSalle, III.	McLaughlin Mining Co. Alsey, Ill.	Mepham Corp., Geo. S. 2001 Lynch Ave. East St. Louis, III.

In mined in Illinois.
 In a seported by the Illinois clay industry, is that used in foundries for refractory linings in cupolas, ladles, etc.
 See page 13.

Clays—(Continued)

Principal products	Fire clay (Clay preparation only)	Kaolin³	Fire clay Pottery clay Sagger clay	Drilling-mud clay Mortar-mix clay	Fire clay ¹ Flint clay ¹	Mortar-mix clay	Fire clay ¹ Bonding clay ¹	Mortar-mix clay	Pottery clay Sagger clay
Map letter, location number	C-91 C-92	D-145	C-96	C-83	A-11	C-81	A-17	D-126 D-125	D-116 D-117 D-115
County	McDonough McDonough	Alexander	McDonough	Tazewell	Cook	Knox	Cook	Madison Bond	Greene Greene Greene
Location of plant or mine (P—plant; M—mine or pit)	Colchester (1/2 mile W.) (P) (1/2 miles N.) (M)	Olive Branch (P; M)	Colchester (2 miles NW.) (M)	East Peoria (34 mile S.) (P; M)	Chicago (1840 N. Kingsbury St.) (P)	East Galesburg (1/2 mile E.) (P No. 2; M)	Chicago (2563 W. 18th St.) (P)	Edwardsville (E. edge) (P; M No. 1) New Douglas (3)4 miles E.) (M No. 2)	White Hall (P) (1½ miles E.) (M) Drake (½ mile E.) (M)
Producer and main office	Myers Clay Co. Colchester, Ill.	Olive Branch Minerals Co. 424 Fighth St. Cairo, III.	Patton, John G. 11½ E. Side Square Macomb, III.	Peoria Brick & Tile Co. 410 Fayette St. Peoria, III.	Plibrico Jointless Firebrick Co. 1840 N. Kingsbury St. Chicago, III.	Purington Paving Brick Co. Galesburg, III.	Ramtite Co. (Division of S. Obermayer Co.) Chicago 2563 W. 18th St. Chicago, III.	Richards Brick Co. 234 Springer Ave. Edwardsville, III.	Ruckel's Pottery Works White Hall, III.

Bonding clay Kaolin Filler clay Filnt clay ¹ Diaspore clay ¹ Bentonite ¹ Drilling-mud clay Plastic insulating cement	Fire clay	Fuller's earth Bonding clay Dry-cleaner Floor-cleaner	Kaolin³	Fire clay	Fire clay ¹	Pottery clay Modeling clay (Clay preparation only)
B-37 B-38	B-41	D-146	D-141	B-50	D-128	C-78 C-93 C-94 C-95
Will Will	LaSalle	Pulaski	Union	LaSalle	Madison	Warren McDonough McDonough McDonough
Joliet (Railroad St.) (P No. 1) (SE. edge, on Mills Road) (P No. 2)	Marseilles (2) ² miles E., on U. S. Hwy. 6) (M)	Ohnsted $(J_2 \text{ mile E.}) (P; M)$	Kaolin (M)	Streator (SW. edge) (P)	Granite City (Madison Ave. & 16th St., on Hwy. 3) (P)	Monmouth (SW. part) (P No. 2) Colchester $(J_2 \text{ mile W.})$ (P) $(1J_2 \text{ miles N.})$ (M) (1 mile NW.) (M)
Schundler & Co., Inc., F. E. 504 Railroad St. Joliet, Ill.	Silver Clay & Coal Co. Marseilles, III.	Sinclair Refining Co. 630 Fifth Ave. New York City Illinois Office: Olmsted, Ill.	Southern Illinois Kaolin Co. 1424 Walnut St. Murphysboro, Ill.	Streator Drain Tile Co. W. Tenth St. Streator, III.	Western Fire Brick Co. Madison Ave. & 16th St. Granite City, III.	Western Stoneware Co. 724 S. Fifth St. Monmouth, III.

¹ Not mined in Illinois.
³ See page 13.

Refractories

Principal products	Fire-clay brick and shapes Ladle brick, sleeves, and nozzles Refractory cement	Plastic refractory High-temperature cements	Super-duty fire-clay brick and shapes Fire-clay brick and shapes Fire-clay ladle brick and shapes Plastic refractory Refractory cements and mortars Castable refractories Daubing mixtures	Fire-clay brick and shapes	Stove lining Special refractories	Fire-clay brick, shapes, cement, and plastic Super-duty fire-clay brick and shapes High-alumina brick and shapes and cement	Sultmante brick, shapes, cement and plastic Castable refractories Silica brick and shapes Silica cement Silica brick and shapes
Map letter, location number	D-110	A-23	B-42	C-89	C-98	B-64	B-36 B-39
County	Scott	Cook	LaSalle	McDonough	Adams	Vermilion	Will
Location of plant or mine (P—plant; M—mine or pit)	Alsey (N. edge, on Hwy. 106) (P; M)	Chicago (7531 S. Ashland Ave.) (P)	Ottawa (1½ miles NE.) (P; M)	Colchester (34 mile N.) (P; M)	Quincy (NE. edge) (P)	Danville Works (2 miles SW. of Danville) (P)	Joliet Works (N. edge of Joliet, on U. S. Hwy. 66) (P) Rockdale Works (3 miles SW. of Joliet) (P)
Producer and main office	Alsey Brick & Tile Co. Alsey, Ill.	Chicago Fire Brick Co. 1467 N. Elston Ave. Chicago, III.	Chicago Retort & Fire Brick Co. Ottawa, III. General Sales Office: 208 S. LaSalle St. Chicago, III.	Colchester Brick & Tile Co. Colchester, III.	Gem City Press Brick Co. 2000 N. 18th St. Quincy, III.	General Refractories Co. 1600 Real Estate Trust Bldg. Philadelphia, Pa. District Office: 208 S. LaSalle St.	Chicago, III.

Retorts and condensers Arch block	Fire-clay brick and shapes Ladle brick and shapes Vermiculite insulation brick, block, and concrete materials Refractory cement	Retorts and condensers Arch block	Plastic refractory Castable refractories Refractory cements	Plastic refractories Castable refractory Refractory cements	Fire-clay brick and shapes Refractory cement
B-65	B-40	B-46	A-11	A-17	D-128
Vermilion	Grundy	LaSalle	Cook	Cook	Madison
Hegeler (6½ miles S. of Danville, on Hwy. 1) (P)	Goose Lake Plant (5 miles N. of Coal City) (P; M)	LaSalle (E. 9th St., NE. edge) (P; M)	Chicago (1840 N. Kingsbury St.) (P)	Chicago – (2563 W. 18th St.) (P)	Granite City (Madison Ave. and 16th St., on Hwy. 3) (P)
Hegeler Zine Co. Danville, III.	Illinois Clay Products Co. 68 N. Chicago St. Joliet, III. Sales Office: 608 S. Dearborn St. Chicago, III.	Matthiessen & Hegeler Zinc Co. LaSalle, III.	Plibrico Jointless Fire Brick Co. 1840 N. Kingsbury St. Chicago, III.	Ramtite Co. (Division of S. Obermayer Co.) 2563 West 18th St. Chicago, III.	Western Fire Brick Co. Madison Ave. and 16th St. Granite City, III.

Structural Glay Products

Principal products ⁴	1, 2, 5, 6	1, 2, 4, 6, 7	8, 13, 14	1, 5	1, 2	1	1, 2	1	1, 5, 6	1, 5, 6, 14
Map letter, location number	E-149 E-150	D-127	B-33	C-70	D-136	A-15	A-20	A-21	C-75	B-55
County	Edwards Edwards	Madison	McHenry	Lee	St. Clair	Cook	Cook	Cook	Henry	Livingston
Location of plant or mine (P—plant; M—mine or pit)	Albion (1 mile SE,) (P No. 1; M) (S. edge) (P No. 2; M)	North Alton (P; M; M)	Crystal Lake (2½ miles NE., on Hwy. 31) (P)	Pawpaw (SW. edge) (P; M)	Belleville (SE. edge, on Hwy. 13) (P; M)	Schiller Park (SE. part, ¼ mile S. of Irving Park Rd.) (P; M)	Stickney (Lombard Ave. and 43d St., 1¼ miles S. of U. S. Hwy. 66) (P; M)	Stickney (Hwy. 50 and 39th St.) (P; M)	Cambridge (E. edge, on Hwy. 82) (P; M)	Campus (P; M)
Producer and main office	Albion Brick Co. Albion, Ill.	Alton Brick Co. Alton, III.	American Terra Cotta Corp. 228 N. LaSalle St. Chicago, III.	Beale Co., J. M. Pawpaw, Ill.	Belleville Brick Co. 944 Freeburg Ave. Belleville, III.	Bohnsack Brick Co.** 2531 N. Halsted St. Chicago, III.	Brisch Brick Co. 228 N. LaSalle St. Chicago, III.	Burke's Sons, Alexander Cicero Ave. & 39th St. Cicero, Ill.	Cambridge Brick & Tile Works Cambridge, III.	Campus Brick & Tile Works Campus, III.

			λ).	<i>. 110</i> C	7101611		.1 1100	717001	N.		i L 20
<u>-</u>	2, 3, 7	1, 5, 6		1, 2, 5, 6, 10, 14	1, 2	2,7	1, 2	1, 2, 4, 5, 14	1, 2	2	13. Ceramic-glazed and enameled brick and block 14. Other structural products
A-16	D-122	B-56	A-27	C-89	C-71	B-48 B-47	66-2	B-63	D-129	B-67	Flue lining Wall coping Roofing tile
Cook	Greene	Livingston	Cook	McDonough	Bureau	LaSalle LaSalle	Adams	Vermilion	Madison	Macon	10. Flue 11. Wall 12. Roofil
Chicago (Fullerton and Grand Aves.) (P; M)	Carrollton (3½ miles N., ¾ mile E. of U. S. Hwy. 67) (P; M)	Chatsworth (P; M)	Dolton (138th St., 1½ miles E. of Indiana Ave.) (P; M)	Colchester (34 mile N.) (P; M)	Princeton (1½ miles NW.) (P; M)	Lowell (NE. edge) (P; M) (4 miles N., on Hwy. 178) (M)	Quincy (N. edge) (P; M)	Danville (SW. edge) (P; M)	Collinsville (E. edge) (P; M)	Decatur (NE. part) (P)	brick 7. Facing block ile 8. Terra cotta ral tile 9. Sewer pipe
Carey Brick Co. 6558 Fullerton Ave. Chicago, III.	Carrollton Brick Co. Carrollton, III.	Chatsworth Brick & Tile Factory Chatsworth, III.	Chicago Brick Co. 38 S. Dearborn St. Chicago, III.	Colchester Brick & Tile Co. Colchester, III.	Conco-Hansen Brick Yard c/o Conco Building Products, Inc. Mendota, III.	Conco-Meier Co. Lowell, III. (P. O. Tonica)	Damhorst Brick Co., Wm. S. 1400 Spruce St. Quincy, III.	Danville Brick Co.** 139 N. Vermilion St. Danville, III.	Dawley Brick & Tile Co. Collinsville, III.	Decatur Brick Manufacturing Co.** 1595 N. Calhoun St. Decatur, III.	4 Principal Products—Key Numbers 1. Common brick 2. Face brick 3. Salf-glazed brick and 6. Structural tile

14. 10. Flue lining 11. Wall coping 12. Roofing tile 7. Facing block
8. Terra cotta
9. Sewer pipe Faving brick
 Drain tile
 Structural tile 2. Face brick
3. Salt-glazed brick and
block

** Did not operate during 1936-41 inclusive

Structural Clay Products—(Continued)

Principal products⁴	1, 5, 6, 14	12	1, 2	1, 2, 5, 6	1, 2, 5, 6	1, 2, 4, 6, 7	14	1, 2	2, 3, 7	1, 2, 5, 6
Map letter, location number	B-60	D-131	C-103	E-152	C-102	D-132 D-133	D-134	C-77	C-82	C-76
County	Kankakee	St. Clair	Cass	Saline	Schuyler	St. Clair St. Clair	St. Clair	Mercer	Marshall	Rock Island
Location of plant or mine (P—plant; M—mine or pit)	St. Anne (SE. edge) (P; M)	East St. Louis (21st and Ohio Sts.) (P)	Virginia $(\frac{1}{2}$ mile NE.) (P; M)	Harrisburg (S. edge) (P; M)	Frederick (N. edge, on U. S. Hwy. 67) (P; M)	East St. Louis (3¼ miles SE., on U. S. Hwy. 50) (P) Edgemont (2¾ miles E., on St. L. & O'Fal. R. R.) (M)	Edgemont Plant (134 miles E., on St. L. & O'Fal. R. R.) (P; M)	Shale City Plant (5½ miles E. of Aledo, 1 mile N. of Hwy. 17) (P; M)	Sparland Plant (34 mile S., on Hwy. 29) (P; M; M)	Carbon Cliff (6 miles E. of Moline) (P; M)
Producer and main office	Eastern Illinois Clay Co. St. Anne, Ill.	East St. Louis Terra Cotta Roof Trimmings Co. 700 N. 21st St. East St. Louis, III.	Ericson Brick Co. Virginia, III.	Ford Brick & Tile Co. Harrisburg, III.	Frederick Brick & Tile Works Frederick, III.	Hill Brick Co. 51st & St. Clair Ave. East St. Louis, Ill.	Hydraulic-Press Brick Co. 705 Olive St. St. Louis, Mo.	District Office: Putnam Bldg. Davenport, Ia.	District Office: Lehmann Bldg. Peoria, III.	Hy-Grade Brick & Tile Co. Carbon Cliff, Ill.

1	1	1, 2			1	1, 2, 6, 7	1, 5, 6, 14	1, 2	1	1	1, 2, 5, 6	13. Ceramic-glazed and enameled brick and block14. Other structural products
A-2	A-4	A-24	A-25	A-29	A-28	D-137	B-57	D-135	A-5	A-3	E-151	Flue lil.ing Wall coping Roofing tile
Cook	Cook	Cook	Cook	Cook	Cook	Jackson	Kankakee	St. Clair	Cook	Cook	Hamilton	10. Flue 11. Wall 12. Roofii
Northbrook—Yard No. 1	Evanston—Yard No. 3 (2350 Oakton St., E. of McCormick	Blue Island—Yard No. 17 (119th St., ¼ mile W. of Ashland Ave.	—Hwy. 49) (P; M) Bue Island—Yard No. 22 (127th St., ½ mile W. of Western Ave.)	(F; M) Lansing—Yard No. 30 (Bernice Road, ½ mile E. of Torrence	Ave.—U. S. Hwy. 330) (P; M)** Bernice—Yard No. 40 (167th St., ½ mile E. of Torrence Ave. —U. S. Hwy. 330) (P; M)**	Campbell Hill $(\mathcal{Y}_2 \text{ mile NW.})$ (P; M)	Kankakee (2 miles SE.) (P; M)	Belleville (NW. part) (P; M)	Skokie (Touhy Ave., 14 mile W. of McCormick Blvd.) (P; M)	Glenview (Lake Ave., ¾ mile W. of Waukegan Rd.—Hwy. 42A) (P; M)	McLeansboro (1½ miles NW.) (P; M)	brick 7. Facing block ile 8. Terra cotta at tile 9. Sewer pipe
Illinois Brick Co.	Zzs N. Labane St. Chicago, III.					Jackson County Brick Co. Campbell Hill, III.	Kankakee Tile & Brick Co. Kankakee, Ill.	Kloess Brick Co. 200 N. 21st St. Belleville, III.	Lake View Brick Co. 2758 Irving Park Rd. Chicago, III.	Lutter Brick Co. 1445 Diversey Parkway Chicago, III.	McLeansboro Shale Products Co. McLeansboro, Ill.	* Principal Products—Key Numbers 1. Common brick 2. Face brick 3. Satteglazed brick and 6. Structural tile

10. Flue lining11. Wall coping12. Roofing tile 7. Facing block 8. Terra cotta 9. Sewer pipe 4. Paving brick
5. Drain tile
6. Structural tile ** Did not operate during 1936-41 inclusive. Face brick Salt-glazed brick and block -: 6; 6;

Structural Clay Products—(Continued)

Principal products ⁴										6, 7
١	1, 2, 5, 6	1, 2, 5, 6	1, 2, 6	īĊ	1	1	_	6, 7	8, 13	1, 2, 4, 5, 6,
Map letter, location number	D-123	D-124	C-100 C-101	B-34	A-6	A-30	A-1	B-45	A-8	C-83
County	Macoupin	Macoupin	Brown Brown	Boone	Cook	Cook	Lake	LaSalle	Cook	Tazewell
Location of plant or mine (P—plant; M—mine or pit)	Carlinville (SW. edge) (P; M)	Mt. Olive (1 mile SW., on U. S. Hwy. 66) (P; M)	Mt. Sterling (S. edge) (P) (4 miles S.) (M)	Capron (SW. edge) (P; M)	Skokie—Yard A (3150 Touty Ave., E. of McCormick Diagnation of No. 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Chicago Heights—Yard C (SE, edge, on State St., ½ mile N. of	Deerfield—Yard D (County Line Rd., ½ mile W. of Wau- kegan Rd.—Hwy. 42A) (P; M)	Twin Bluffs (234 miles W. of Ottawa) (P; M)	Chicago (1750 Wrightwood Ave.) (P)	East Peoria (34 mile S.) (P; M)
Producer and main office	Moody Bros. Carlinville, III.	Mt. Olive Brick & Tile Co. Mt. Olive, III.	Mt. Sterling Brick Co. Mt. Sterling, Ill.	Munson Bros. & Co. Capron, III.	National Brick Co. 3150 Touby Ave. Chicaco III	· · · · · · · · · · · · · · · · · · ·		National Fireproofing Corp. 202 E. Ohio St., N. S. Pittsburgh, Pa. District Office: 208 W. Washington St. Chicago, Ill.	Northwestern Terra Cotta Co. 1750 Wrightwood Ave. Chicago, III.	Peoria Brick & Tile Co. 410 Fayette St. Peoria, III.

				1100	0101	<i>1111</i>	011111	11101				2.
1, 2, 4, 6, 7, 14	1, 4 9, 5 5, 6	, vi	1, 2, 6, 7	1, 5, 6	1, 2, 6, 7	1 2, 5, 6, 10, 11	6	5, 6	1, 2, 5, 6, 7, 14	1, 2, 7, 14	1, 2, 4, 14	13. Ceramic-glazed and enameled brick and block14. Other structural products
D-107 D-108	00 F F F F F F F	B-52	D-126 D-125	B-59	E-147	C-74	A-22	D-109	C-104 C-105	B-49	B-53 B-54	Flue lining Wall coping Roofing tile
Sangamon Sangamon	Knox Knox	Livingston	Madison Bond	Kankakee	Fayette	Bureau	Cook	Sangamon	Menard Menard	LaSalle	Livingston Livingston	10. Flue 11. Wall 12. Roofii
Springfield (SE. edge) (P) (1 mile SE. of P) (M)	East Galesburg (14 mile E.) (P No. 1; M)	Streator (2 miles S.) (P No. 3; M)	Edwardsville (E. edge) (P; M No. 1) New Douglas (3½ miles E.) (M No. 2)	St. Anne (NE. edge) (P; M)	St. Elmo (W. edge) (P; M)	Sheffeld $(1/2 \text{ mile W.})$ (P; M)	Stickney (5901 W. 66th St.—Clearing Indust.) Dist.) (P)	Springfield (S. edge) (P No. 1; M)	(N. edge) (P No. 2) (2 miles S. on Hwy. 97) (M)	Streator (W. end Ninth St.) (P; M)	Streator $(2\frac{1}{2})$ miles SE.) (P; M) (2 miles SE. of P) (M)	brick 7. Facing block ile 8. Terra cotta ral tile 9. Sewer pipe
Poston-Springfield Brick Co. 2600 S. Grand Ave., E. Springfield, III.	Purington Paving Brick Co. Galesburg, III.	District Office: Streator, III.	Richards Brick Co. 234 Springer Ave. Edwardsville, III.	St. Anne Brick & Tile Co. St. Anne, III.	St. Elmo Brick & Tile Co. St. Elmo, III.	Sheffeld Shale Products Co. Sheffeld, III.	Silica Brick & Engineering Co. 228 N. LaSalle St. Chicago, III.	Springfield Clay Products Co. Fox Road	opinigaeta, m.	Streator Brick Co. 321 E. Main St. Streator, III.	Streator Clay Products Co. Livingston Rd. Streator, III.	4 Principal Products—Key Numbers 1. Common brick 2. Face brick 3. Saltglazed brick and 6. Structural tile

block ** Did not operate during 1936-41 inclusive.

Structural Clay Products—(Concluded)

Producer and main office Streator Drain Tile Co. W. 10th St. Streator, III. Tuthill Building Material Co. 939 E. 95th St. Chicago, III. Western Brick Co. Danville, III. Whitaere Fireproofing Co., C. C. 228 N. LaSalle St. Chicago, III. White Hall Sewer Pipe & Stoneware Co. White Hall, III.	Location of plant or mine (P—plant; M—mine or pit) Streator (SW. edge) (P) (SW. edge) (P) (SW. edge) (P) (SW. edge) (P) (I¼ miles E. on Hwy. 114) (P) Riverdale (1¼ miles E. on Hwy. 114) (P) (2¼ miles E. on Hwy. 114) (P) Barville (2¼ miles W. on U. S. Hwy. 150) (2¼ miles SE.) (P No. 3; M)** (2¼ miles SE.) (P No. 3; M)** (2¼ miles SE.) (P No. 3; M)** (S. edge, on Butler St., ½ mile N. of Sauk Trail) (P; M) (SE. part) (P No. 1) (SE. part) (P No. 1) (SE. part) (P No. 3)	on on	Map letter, location number B-50 B-51 B-61 B-62 A-31 A-31 D-120 D-120	Principal products ⁴ 5, 6, 9, 10, 11, 14 1, 2 1, 2 6, 14 5, 10, 11, 14 5, 6
Z	Hwy. 66) (P; M)	McLean		1, 5, 6

Ceramic-glazed and enameled brick and block Other structural products 13. 14. Flue lining Wall coping Roofing tile 10. 11. Facing block
 Terra cotta
 Sewer pipe 4. Paving brick
5. Drain tile
6. Structural tile * Principal Products—Key Numbers Common brick 4. Face brick Salt-glazed brick and block -i &i &i

** Did not operate during 1936-41 inclusive.

White Wares and Pottery

Producer and main office	Location of plant or mine (P—plant; M—mine or pit)	County	Map letter, location number	Principal products
Abingdon Sanitary Mfg. Co. Abingdon Pottery Abingdon, III.	Abingdon (NE. part) (P)	Knox	C-79	Vitreous-china plumbing fixtures Art pottery, vitreous-china specialties
American Terra Cotta Corp. 228 N. LaSalle St. Chicago, III.	Crystal Lake (2½ miles NE., on Hwy. 31) (P)	McHenry	B-33	Garden pottery, chimney pots
Case & Son Mfg. Co., W. A. 33 Main St. Buffalo, N. Y. Illinois Office: Robinson, Ill.	Robinson (SW. edge) (P)	Crawford	E-148	Vitreous-china plumbing fixtures
Ceramic Atelier 923 N. LaSalle St. Chicago, III.	Chicago (923 N. LaSalle St.) (P)	Cook	A-12	Art pottery
Chicago Pottery Co. 1920 N. Clybourn Ave. Chicago, Ill.	Chicago (1920 N. Clybourn Ave.) (P)	Cook	A-10	Vitreous-china plumbing fixtures
Fulton Clay Pipe Co. 829-16th Ave. Fulton, III.	Fulton (S. part) (P) Ustick (8 miles E. of Fulton) (M)	Whiteside Whiteside	69-D	Clay pipes and tubes
Gates Clay Products Co. Tennessee, III.	Tennessee (P)	McDonough	C-97	Stoneware, garden pottery, art novelties
Haeger Potteries, Inc. 7 Maiden Lane Dundee, Ill.	East Dundee (SE. part) (P)	Kane	B-35	Art pottery

White Wares and Pottery—(Concluded)

Principal products	Semi-porcelain dinnerware	Electrical porcelain, chemical porcelain, art pottery	Flowerpots	Kitchenware, stoneware, art pottery	Art pottery	Art pottery, kitchenware	Ceramic sinks	China dinnerware, art china	Stoneware, kitchenware, art pottery
Map letter, location number	C-106	C-86	A-9	C-87	C-85	C-84	A-8	A-7 B-32	D-116 D-117 D-115
County	Logan	McDonough	Cook	McDonough	Tazewell	Tazewell	Cook	Cook Lake	Greene Greene Greene
Location of plant or mine (P—plant; M—mine or pit)	Lincoln (NE. part, on U. S. Hwy. 66) (P)	Macomb (NE. part) (P)	Chicago (2618 N. Lakewood Ave.) (P)	Macomb (NW. part) (P)	Morton (SW. part) (P)	Morton (NW. part) (P)	Chicago (1750 Wrightwood Ave.) (P)	Chicago (4853 N. Ravenswood Ave.) (P No. 1) Antioch (NE. part) (P No. 2)	White Hall (P) (1½ miles E.) (M) Drake (½ mile E.) (M)
Producer and main office	Illinois China Co. 929 N. Kickapoo St. Lincoln, Ill.	Illinois Electric Porcelain Co. 510 N. Pearl St. Macomb, III.	Keller Pottery Co., George 2618 N. Lakewood Ave. Chicago, III.	Macomb Pottery Co. 411 W. Calhoun St. Macomb, III.	Midwest Potteries, Inc. Morton, III.	Morton Pottery Co. Morton, III.	Northwestern Terra Cotta Co. 1750 Wrightwood Ave. Chicago, III.	Pickard, Inc. 4853 N. Ravenswood Ave. Chicago, III.	Ruckel's Pottery Works White Hall, Ill.

Flowerpots	Porcelain insulators	Stoneware, kitchenware, art pottery Flowerpots (Clay preparation only)	Stoneware, art pottery Flowerpots
A-14	A-18	C-78 C-93 C-94 C-94	D-119 D-121 A-13
Cook	Cook	Warren McDonough McDonough McDonough	Greene Greene Cook
Chicago (5052 W. Lawrence Ave.) (P)	Cicero—Hawthorne Works (Cicero Ave. and Cermak Rd.) (P)	Monmouth (SW. part) (P No. 2) Macomb (SW. edge) (P No. 3) Colchester (1/2 mile W.) (P) (1/2 mile N.) (M) (1 mile NW.) (M)	White Hall (SE, part) (P No. 2) (2)4 miles NE.) (M) Chicago (5035 W. Foster Ave.) (P)
Truka, Anton K. 5052 W. Lawrence Ave. Chicago, III.	Western Electric Co. Cicero Ave. and Cermak Rd. Cicero, Ill.	Western Stoneware Co. 724 S. Fitth St. Monmouth, III.	White Hall Sewer Pipe and Stoneware Co. (SE. part) (P No. 2) (2½ miles NE.) (M) (2½ miles NE.) (M) (Mingert Pottery Co. (5035 W. Foster Ave. (5035 W. Foster

PUBLICATIONS OF THE STATE GEOLOGICAL SURVEY OF SPECIAL INTEREST TO THE CLAY AND CLAY PRODUCTS INDUSTRY†

BULLETINS

- *Bull. 4. Year Book: by H. Foster Bain and others. 1907. (Includes "Preliminary investigation of Illinois fireclays," by R. C. Purdy and F. W. DeWolf.)
- Bull. 9. Paving Brick and Paving-Brick Clays of Illinois: by C. W. Rolfe, A. N. Talbot, Ross C. Purdy, and Ira O. Baker. 1908. Price 75 cents.
- Bull. 30. Biennial Report: by F. W. DeWolf and others. 1917. (Includes the "Pennsylvanian fireclays of Illinois," by E. H. Lines) Price 50 cents.
- Bull. 36. Year Book: by F. W. DeWolf and others. 1920. (Includes "Clay deposits near Mountain Glen, Union County, Illinois," by S. St. Clair) Price 75 cents.
- Bull. 38D. (Extract from Bulletin 38) Further Investigations of Illinois Fireclays: by C. W. Parmelee and C. R. Schroyer, 1921. Price 75 cents.

REPORTS OF INVESTIGATIONS

- Rept. Inv. No. 15. Preliminary Report on the Fuller's Earth Deposits of Pulaski County: by J. E. Lamar. 1928. Price 50 cents.
- Rept. Inv. No. 22. Refractory Clays in Calhoun and Pike Counties: by J. E. Lamar. 1931. Price 50 cents.
- Rept. Inv. No. 27. Anna "Kaolin" as a New Decolorizing Agent for Edible Oils: by R. J. Piersol, J. E. Lamar, and W. H. Voskuil. 1933. Price 25 cents.
- Rept. Inv. No. 44. Mica in Argillaceous Sediments: by R. E. Grim, R. H. Bray, and W. F. Bradley. 1937. Price 25 cents.
- Rept. Inv. No. 52. Petrology of the Pennsylvanian Underclays of Illinois: by Ralph E. Grim and Victor T. Allen. 1938. Gratis.
- *Rept. Inv. No. 53. A Unique Clay from the Goose Lake, Illinois, Area: by R. E. Grim and W. F. Bradley. 1939.
- Rept. Inv. No. 64. Tests on Face Brick from Illinois and Other States: by Cullen W. Parmelee. 1940. Price 25 cents.
- Rept. Inv. No. 66. Investigation of the Effect of Heat on the Clay Minerals Illite and Montmorillonite: by R. E. Grim and W. F. Bradley. 1940. Gratis.
- Rept. Inv. No. 69. (1) Elements of the Petrographic Study of Bonding Clays and of the Clay Substance of Molding Sands: by Ralph E.

- Grim; (2) Mineral Composition and Texture of the Clay Substance of Natural Molding Sands: by Ralph E. Grim and Carl E. Schubert; (3) Relationship Between the Physical and Mineralogical Characteristics of Bonding Clays: by Ralph E. Grim and Richards A. Rowland. 1940. Gratis.
- Rept. Inv. No. 72. Petrographic and Ceramic Properties of Pennsylvanian Shales of Illinois: by Ralph E. Grim. 1941. Gratis.

CIRCULARS

- Information Cir. No. 11. Abstracts of Papers Dealing with Clay and Clay Products Presented at the Third Annual Mineral Industries Conference of Illinois. 1935. Gratis
- Information Cir. No. 17. Abstracts of Papers Dealing with Clay and Clay Products Presented at the Fourth Annual Mineral Industries Conference of Illinois, 1936. Gratis.
- Cir. No. 23C. Current Developments in Clay, Clay Products, and Industrial Minerals. 1938. Gratis.
- Cir. No. 39. Gumbotil as a Potential Source of Rotary Drilling Mud, Bonding Clay, and Bleaching Clay: by J. E. Lamar, R. E. Grim, and R. M. Grogan. 1939. Gratis.
- Cir. No. 45. Relation of the Composition to the Properties of Clays: by Ralph E. Grim. 1939. Gratis.
- Cir. No. 49. Properties of Clay: by Ralph E. Grim. 1939. Gratis.
- Cir. No. 54. Some Concepts of the Relationship Between the Chemical Compositions and Structures of Clay Minerals: by W. F. Bradley. 1939. Gratis.
- Cir. No. 62. Progress Report on the Investigation of the Properties of Illinois Shales and Clays as Mortar Mix: by R. K. Hursh, J. E. Lamar, and R. E. Grim. 1940 Gratis.
- Cir. No. 64. The Research Work and Public Activities of the State Geological Survey: by M. M. Leighton, Chief. 1940. Gratis.
- Cir. No. 68. Some Studies Presented at the State Academy of Science in 1940. (Includes "The Use of Pipette Analysis in Clay Research; by Richards A. Rowland). Gratis.

^{*} Edition exhausted. Consult public, technical, or university libraries.

[†] A complete list of publications in "Publications on the Geology, Mineral Resources, and Mineral Industries of Illinois" may be secured without charge by addressing the Chief, State Geological Survey, 100 Natural Resources Building, Urbana, Illinois.

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GROUP ${\bf Classification}$ Clays

C R S W Refractories

Structural
White Wares and Pottery

			. =		
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1	National Brick Co.—Yard D	\mathbf{s}	٠	Product Co	C
2	Illinois Brick Co.—Yard	~	20	Brisch Brick Co	S
_	No. 1.	$ \mathbf{s} $	21	Burke's Sons, Alexander	S
3	Lutter Brick Co	S	22	Silica Brick & Engineering	
4	Illinois Brick Co.—Yard			Co	S
	No. 3	S	23	Chicago Fire Brick Co	C, R
5	Lake View Brick Co	S	24	Illinois Brick Co.—Yard No.	
6	National Brick Co.—Yard A	s		17	S
7	Pickard, Inc.—Plant No. 1.	w	25	Illinois Brick Co.—Yard No.	
8	Northwestern Terra Cotta			22	S
	Co	s, w	26	Tuthill Building Material Co.	S
9	Keller Pottery Co., George.	Ŵ	27	Chicago Brick Co	S
10	Chicago Pottery Co	w	28	Illinois Brick Co.—Yard No.	
11	Plibrico Jointless Firebrick			40	S
	Co	C, R	29	Illinois Brick Co.—Yard No.	
12	Ceramic Atelier	C, W		30	S
13	Wingert Pottery Co	w	30	National Brick Co.—Yard C	S
14	Truka, Anton K		31	Whitacre Fireproofing Co.,	
15	Bohnsack Brick Co	S		C. C	S
16	Carey Brick Co	S		Мар В	
17	Ramtite Co. (Div. of S. Ober-		32	Pickard, Inc.—Plant No. 2.	W
	mayer Co.)	C, R	33	American Terra Cotta Corp.	S, W
18	Western Electric Co	W	34	Munson Bros. & Co	S
	1				

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Location No.	Producer	Group	Location No.	Producer	Group
35	Haeger Potteries, Inc	W		Map C	
36	General Refractories Co.—	a 5			
	Joliet Works	C, R	68	Fulton Clay Pipe Co.—	
37	Schundler & Co., Inc., F. E.	<u> </u>	00	Plant	W
20	—Plant No. 1	C	69 70	Fulton Clay Pipe Co.—Pit	W
38	Schundler & Co., Inc., F. E. —Plant No. 2	С	70	Beale Co., J. M	S
39	General Refractories Co.—	C	72	Larson, J. P.—Plant	
อย	Rockdale Works	C, R	73	Larson, J. P.—Pit	C
40	Illinois Clay Products Co	C, R	74	Sheffield Shale Products Co.	s
41	Silver Clay & Coal Co	C	75	Cambridge Brick & Tile	10
42	Chicago Retort & Fire Brick			Works	s
	Co.,	C, R	76	Hy-Grade Brick & Tile Co	s
43	Fox River Clay Works, Inc.	-,	77	Hydraulic-Press Brick Co.—	~
	—Plant	C		Shale City Plant	s
44	Fox River Clay Works, Inc.		78	Western Stoneware Co.—	
	—Pit	C		Plant No. 2	C, W
45	National Fireproofing Corp.		79	Abingdon Sanitary Mfg. Co.	C, W
	—Twin Bluffs Plant	S	80	Purington Paving Brick Co.	
46	Matthiessen & Hegeler Zinc			—Plant No. 1	S
	Co.,	C, R	81	Purington Paving Brick Co.	
47	Conco-Meier Co.—Pit	S		—Plant No. 2	C, S
48	Conco-Meier Co.—Plant	S	82	Hydraulic-Press Brick Co.—	
49	Streator Brick Co	S		Sparland Plant	S
50	Streator Drain Tile Co.—		83	Peoria Brick & Tile Co	C, S
	Plant	C, S	84	Morton Pottery Co	W
51	Streator Drain Tile Co.—Pit	S	85	Midwest Potteries, Inc	W
5 2	Purington Paving Brick Co.		86	Illinois Electric Porcelain Co.	W
	—Plant No. 3	S	87	Macomb Pottery Co	W
53	Streator Clay Products Co.—	•	88	Western Stoneware Co.—	
	Plant	S		Plant No. 3	W
54	Streator Clay Products Co.—	~	89	Colchester Brick & Tile Co.	C, R,S
	Pit	S	90	Baird Bros.	C
55	Campus Brick & Tile Works	S	91	Myers Clay Co.—Clay	
56	Chatsworth Brick & Tile	a	00	grinding plant	C
57	Factory	S C, S	92 93	Myers Clay Co.—Mine	C
57 58	Kankakee Tile & Brick Co	S S	90	Western Stoneware Co.— Clay grinding plant	C, W
58 59	Tiffany Enameled Brick Co.	S	94	Western Stoneware Co.—	O, W
60	St. Anne Brick & Tile Co Eastern Illinois Clay Co	S	34	Mine	C, W
61	Western Brick Co.—Plant	1.7	95	Western Stoneware Co.—	0, 11
01	No. 1	S		Mine	C, W
62	Western Brick Co.—Plant	~	96	Patton, John G	C,
02	No. 3	S	97	Gates Clay Products Co	W
63	Danville Brick Co	S	98	Gem City Press Brick Co	R
64	General Refractories Co.—		99	Damhorst Brick Co., Wm. S.,	S
	Danville Works	C, R	100	Mt. Sterling Brick Co.—	
65	Hegeler Zinc Co	R		Plant	S
66	Wilcox & Sons, John	S	101	Mt. Sterling Brick Co.—Pit	S
67	Decatur Brick Mfg. Co	S	102	Frederick Brick & Tile Works	S

Index to Maps—(Concluded)

No.	Producer	Group	Location No.	Producer	Group
103	Ericson Brick Co	s	125	Richards Brick Co.—Pit No. 2	C, S
104	Springfield Clay Products Co.		126	Richards Brick Co.—Plant &	
	—Plant No. 2	S	1	Pit No. 1	C, S
105	Springfield Clay Products Co.		127	Alton Brick Co	S
	—Pit	S	128	Western Fire Brick Co	C, R
106	Illinois China Co	W	129	Dawley Brick & Tile Co	S
	Map D		130	Mepham Corp., Geo. S	C
	Wap D		13!	East St. Louis Terra Cotta	
107	Poston-Springfield Brick Co.		li .	Roof Trimmings Co	S
	—Plant	S	132	Hill Brick Co.—Plant	C, S
108	Poston-Springfield Brick Co.		133	Hill Brick Co.—Pit	C, S
	—Pit	S	134	Hydraulic-Press Brick Co.—	
109	Springfield Clay Products Co.			Edgemont Plant	S
	—Plant No. 1	S	135	Kloess Brick Co	S
110	Alsey Brick & Tile Co	C, R	136	Belleville Brick Co	S
111	McLaughlin Mining Co	C	137	Jackson County Brick Co	C, S
112	Marqua, W. G.—Pit No. 1.	C	138	Kreitner Kaolin Co.—Pit No.	
113	Marqua, W. G.—Pit No. 2.	C		1	C
114	Calhoun Leasing Co	C	139	Kreitner, W. E.—Pit No. 1	C
115	Ruckel's Pottery Works-		139a	Kreitner, W. E.—Pit No. 2.	C
	Mine	C, W	140	Anna Corp	C
116	Ruckel's Pottery Works-		141	Southern Illinois Kaolin Co.	C
	Plant	C, W	142	Kreitner Kaolin Co.—Pit No.	
117	Ruckel's Pottery Works-			2	C
	Pit	C, W	143	Illinois Minerals Co.—Plant.	C
118	White Hall Sewer Pipe &		144	Illinois Minerals Co.—Pit	C
	Stoneware Co.—Plant No.		145	Olive Branch Minerals Co	C
	1	S	146	Sinclair Refining Co	C
119	White Hall Sewer Pipe & Stoneware Co.—Plant No.			Map E	
	2	W	147	St. Elmo Brick & Tile Co	S
120	White Hall Sewer Pipe &		148	Case & Son Mfg. Co., W. A.	W
	Stoneware Co.—Plant No.		149	Albion Brick Co.—Plant No.	
	3	S		1	S
121	White Hall Sewer Pipe &		150	Albion Brick Co.—Plant No.	
	Stoneware Co.—Pits	S, W		2	C, S
122	Carrollton Brick Co	S	151	McLeansboro Shale Prod-	
123	Moody Bros	S		uets Co	S
124	Mt. Olive Brick & Tile Co		152	Ford Brick & Tile Co	S



